

## ABSTRACT OF THE DISCLOSURE

5 A bicycle seat that vibrates/oscillates/kneads/massages the riders anatomy  
via intermittent digitally controlled frequencies or by way of an on-off activation  
switch or by sensor/weight activation. This allows rider seat massage to  
maximize comfort, minimize soreness/numbness at the perineum, ischial  
tuberosities and/or gluteus maximus muscles when on seat for varying periods of  
time. A vibratory or oscillatory lightweight tube is integrated within the underside  
10 of the seat front to back, so as to be one with the hard plastic shell-undercarriage  
and/or metal rod infrastructure of the seat. Seat massage can be  
vibratory/oscillatory Rpm's or frequencies similar to frequency  
vibration/oscillation of hand held vibrators up to ultrasonic toothbrushes having  
much higher strokes per minute. The massage frequencies are conducted within  
15 the tube and seat therefore the entire seat vibrates/oscillates thus massaging the  
seated rider. Optionally, the seat may vibrate/oscillate automatically for one-three  
minutes at intervals by virtue of sensor activation in the padding of the seat  
displaced with body weight. Seat may be programmable to allow various wave  
length frequencies of vibration/oscillation. It is the first and only smart/therapeutic  
20 bicycle seat. These invention principles also apply to motorcycle saddles/seats,  
snowmobiles, stationary bikes and other exercise equipment.

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